

WO 2005/093097

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PCT/FR2005/000656

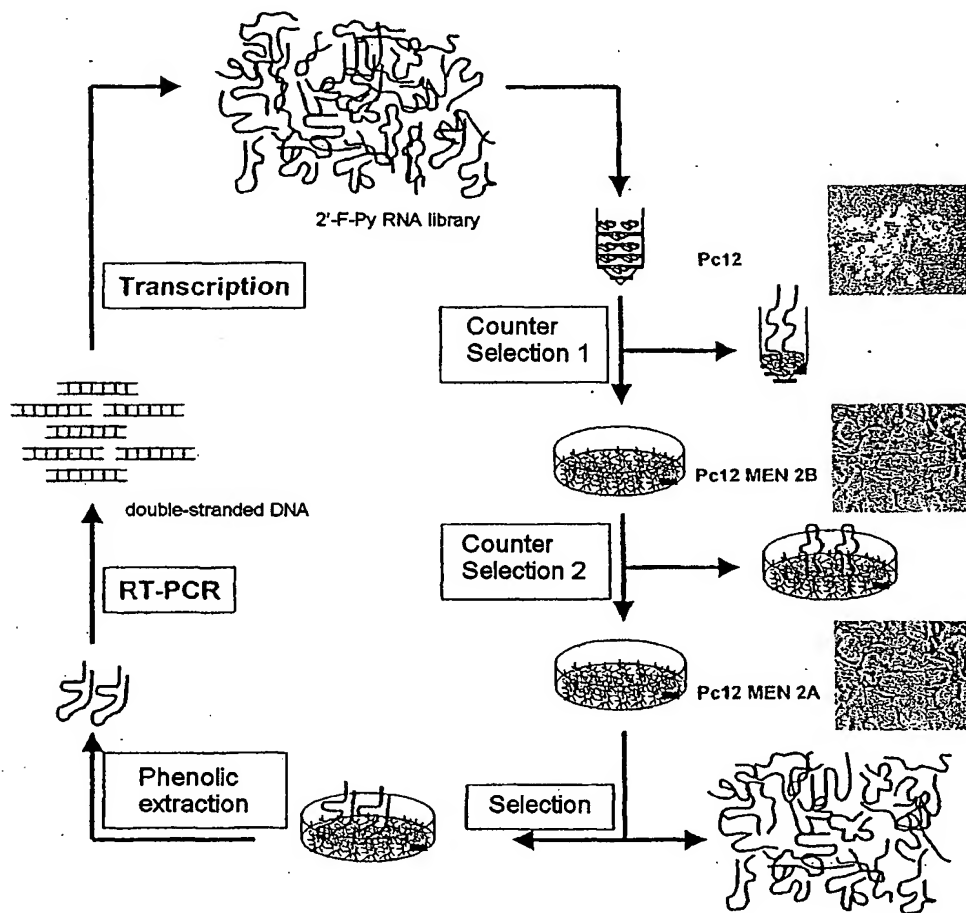


FIGURE 1

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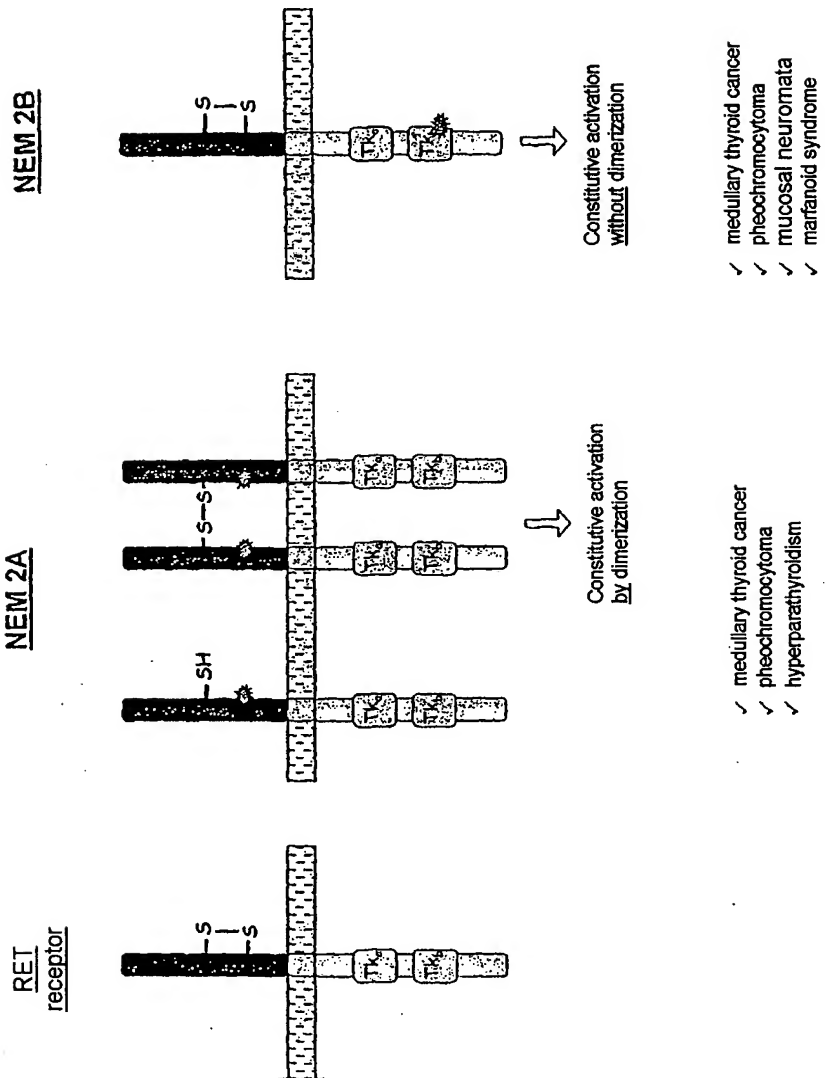
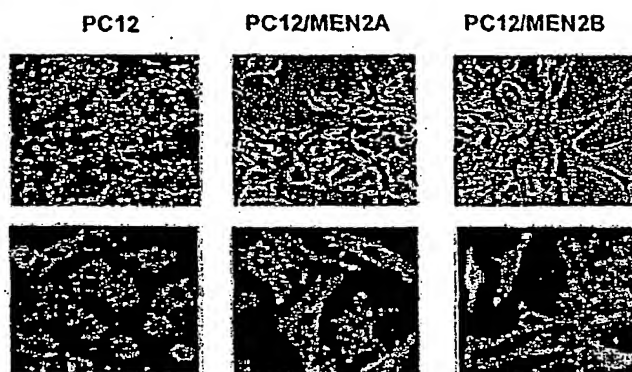


FIGURE 2

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PC12 cells stably transfected with a vector for expression of the human mutated receptors Ret^{C834Y} (PC12/MEN2A) or Ret^{M918T} (PC12/MEN2B).

FIGURE 3

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Diagrammatic representation of GDNF-dependent
RET receptor activation

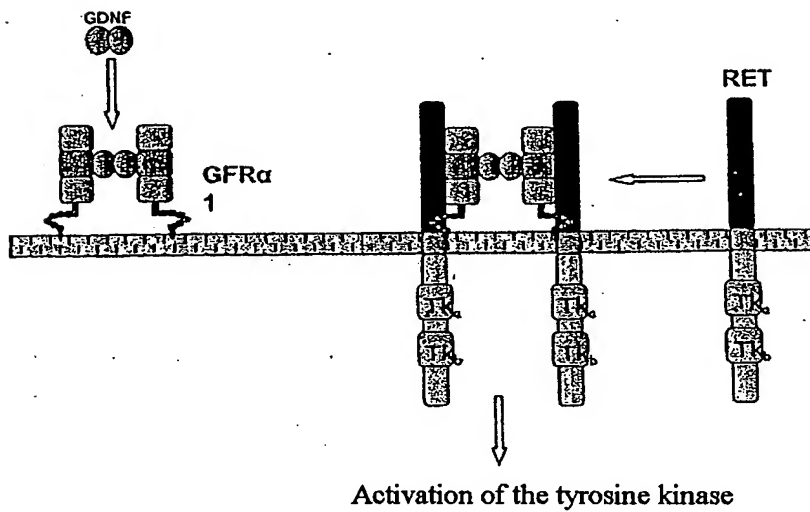


FIGURE 4

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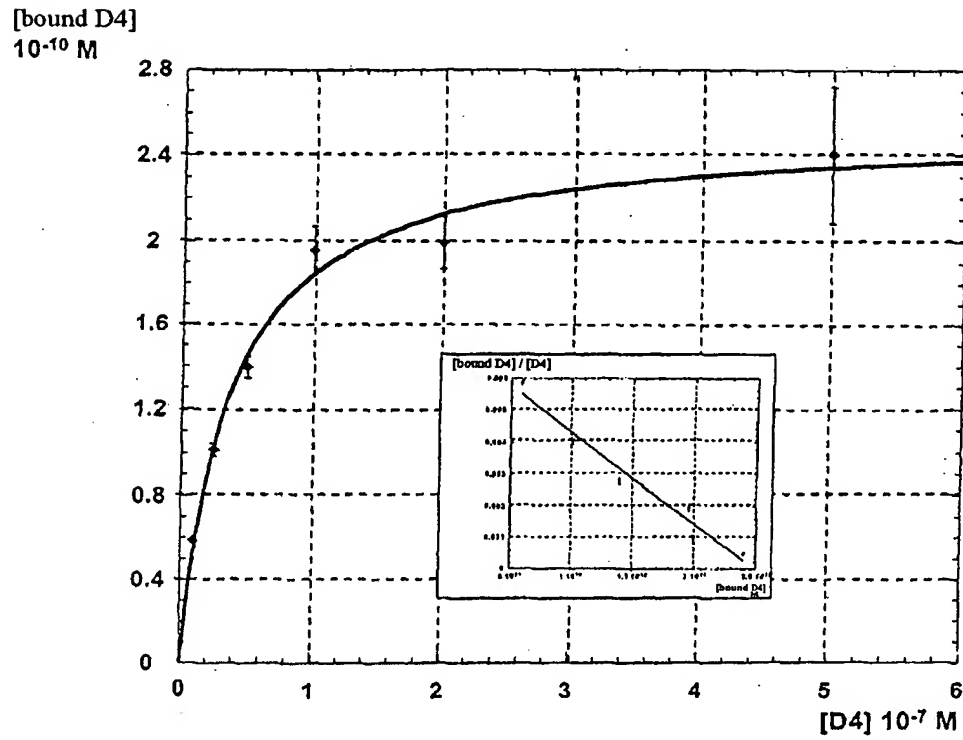
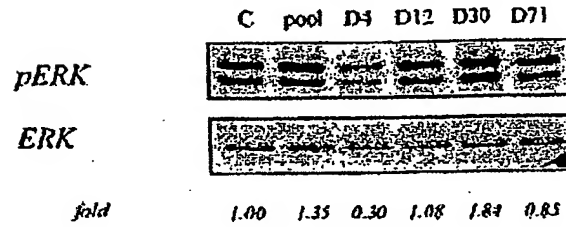


FIGURE 5B

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A



B

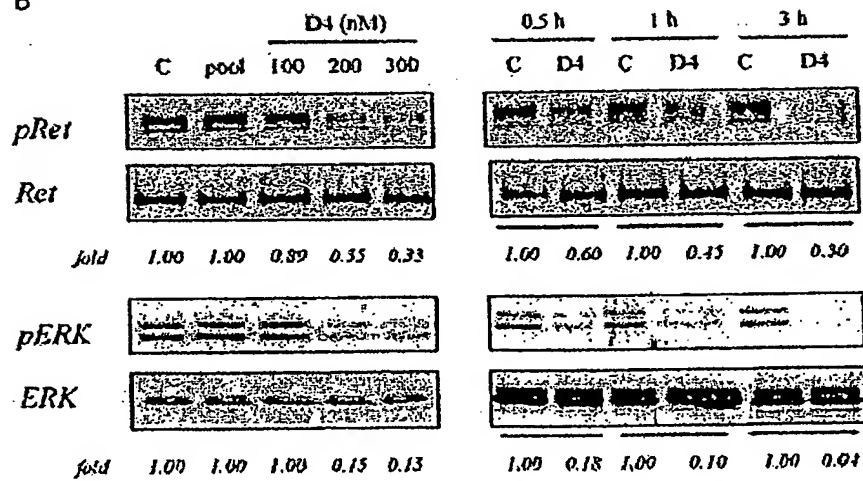


FIGURE 6

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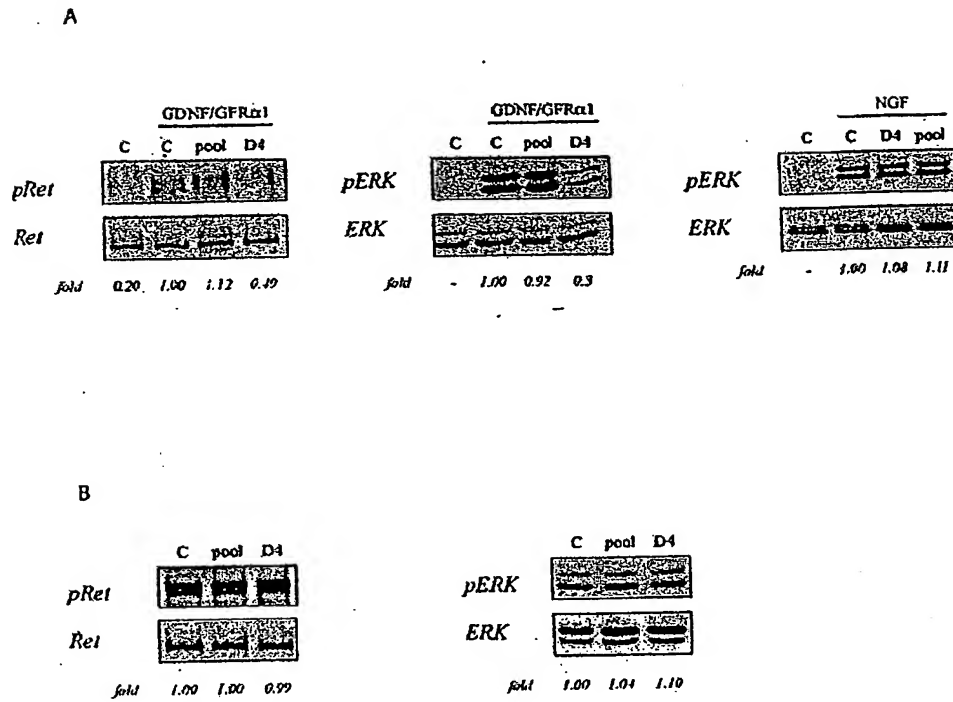


FIGURE 7

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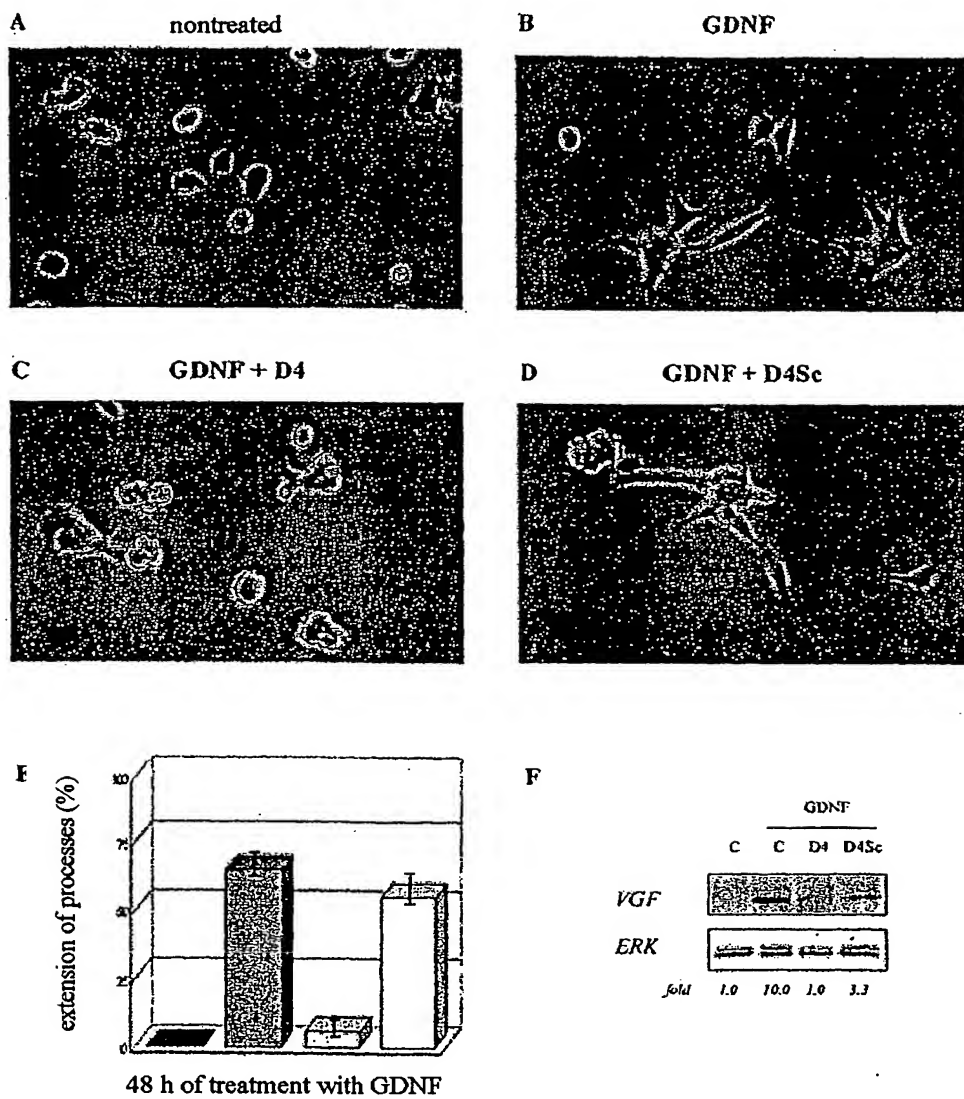
PC12- $\alpha 1$ /wt cells

FIGURE 8

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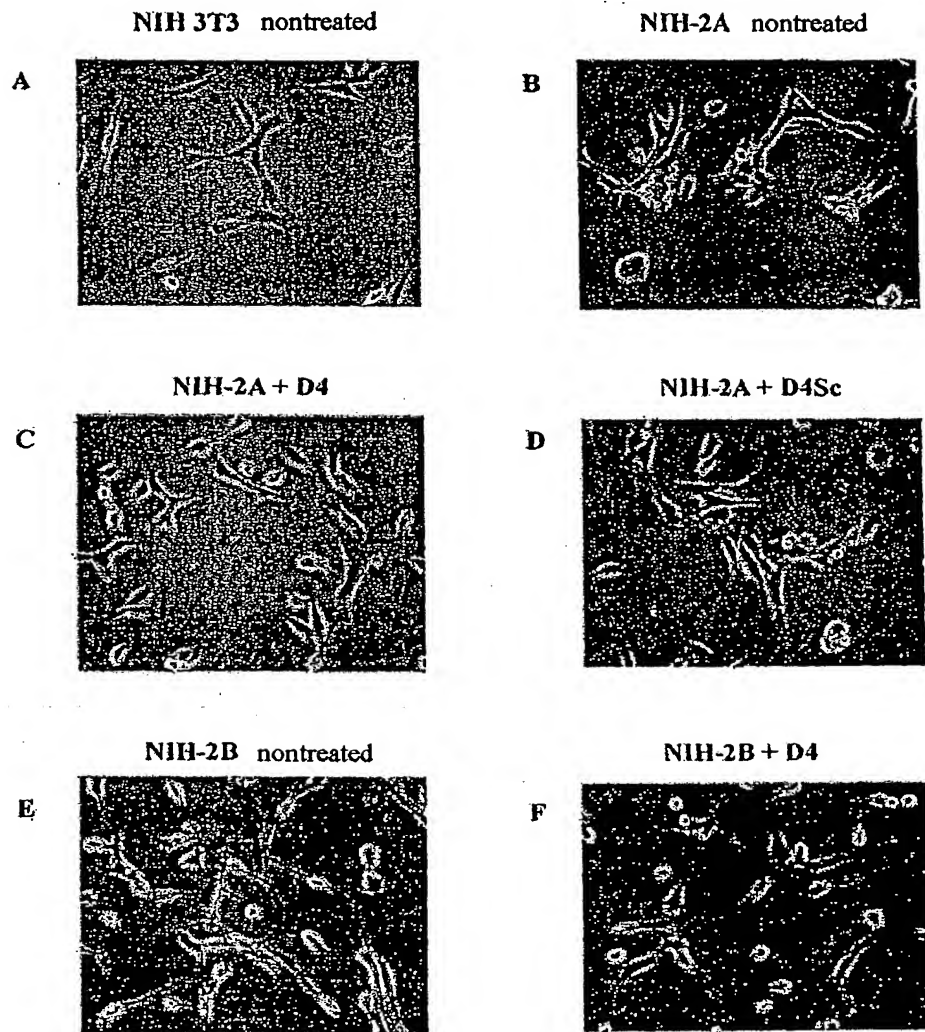
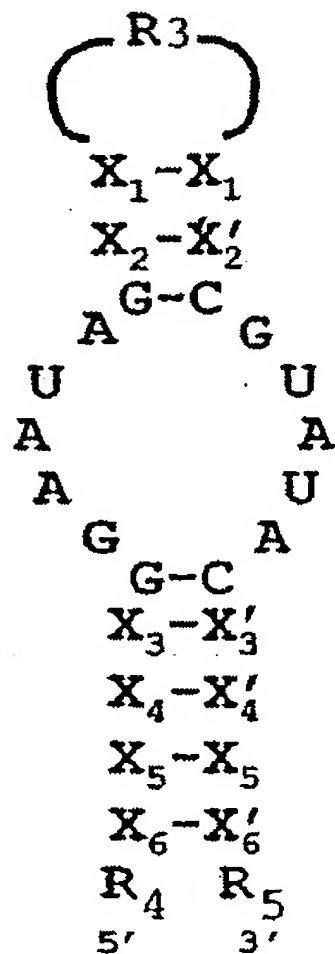


FIGURE 9

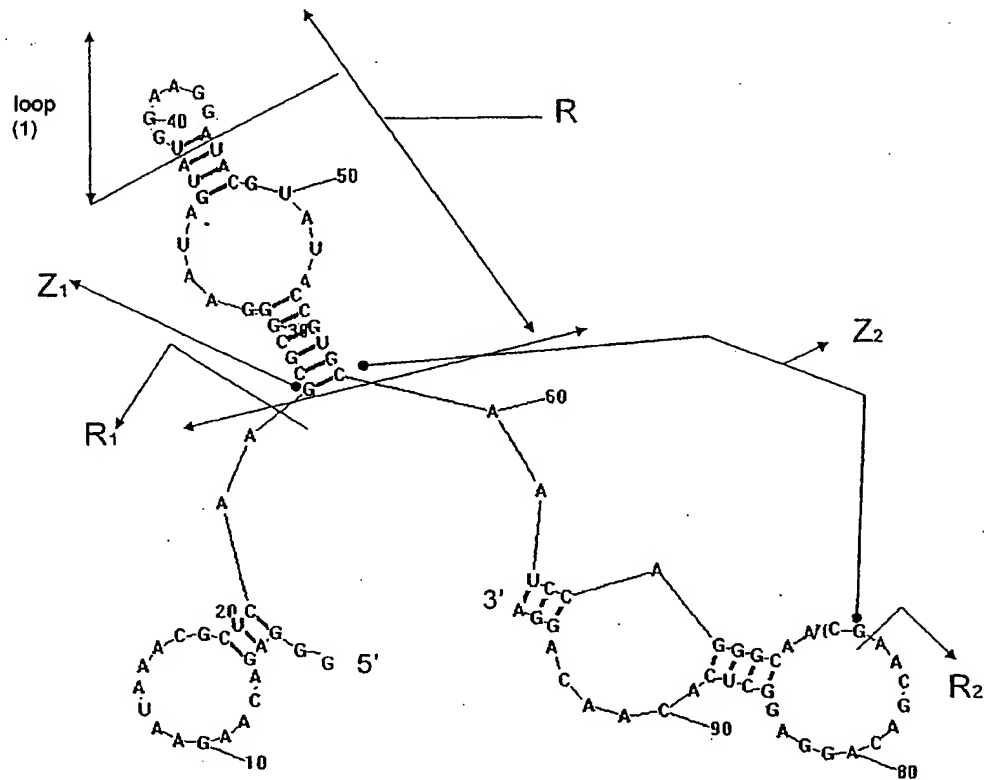
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FIGURE 10



Formula II

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D4 - 97nt ENERGY -17.5

FIGURE 11

5' → 3'

$R_1 + Z_1 = R_4$

5' → 3'

$R_2 + Z_2 = R_5$

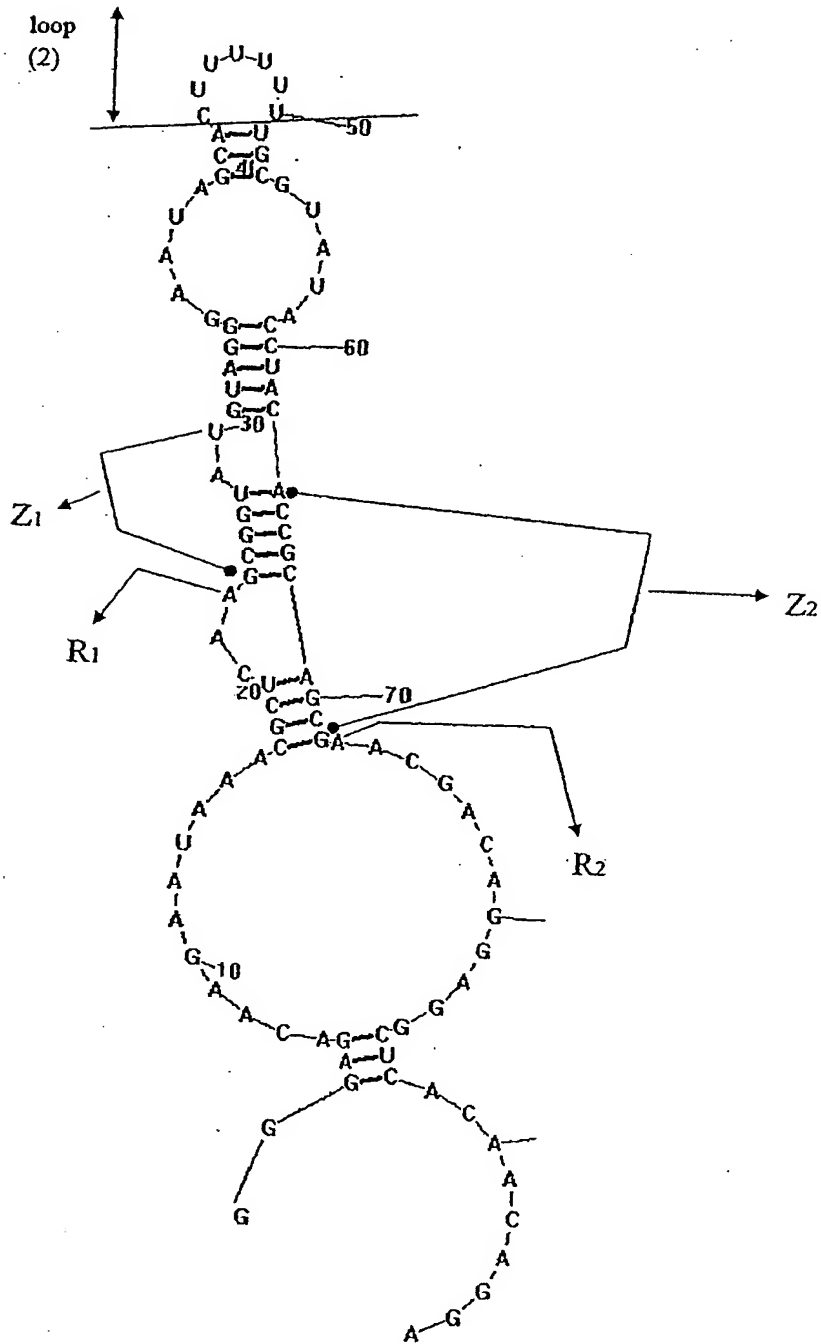
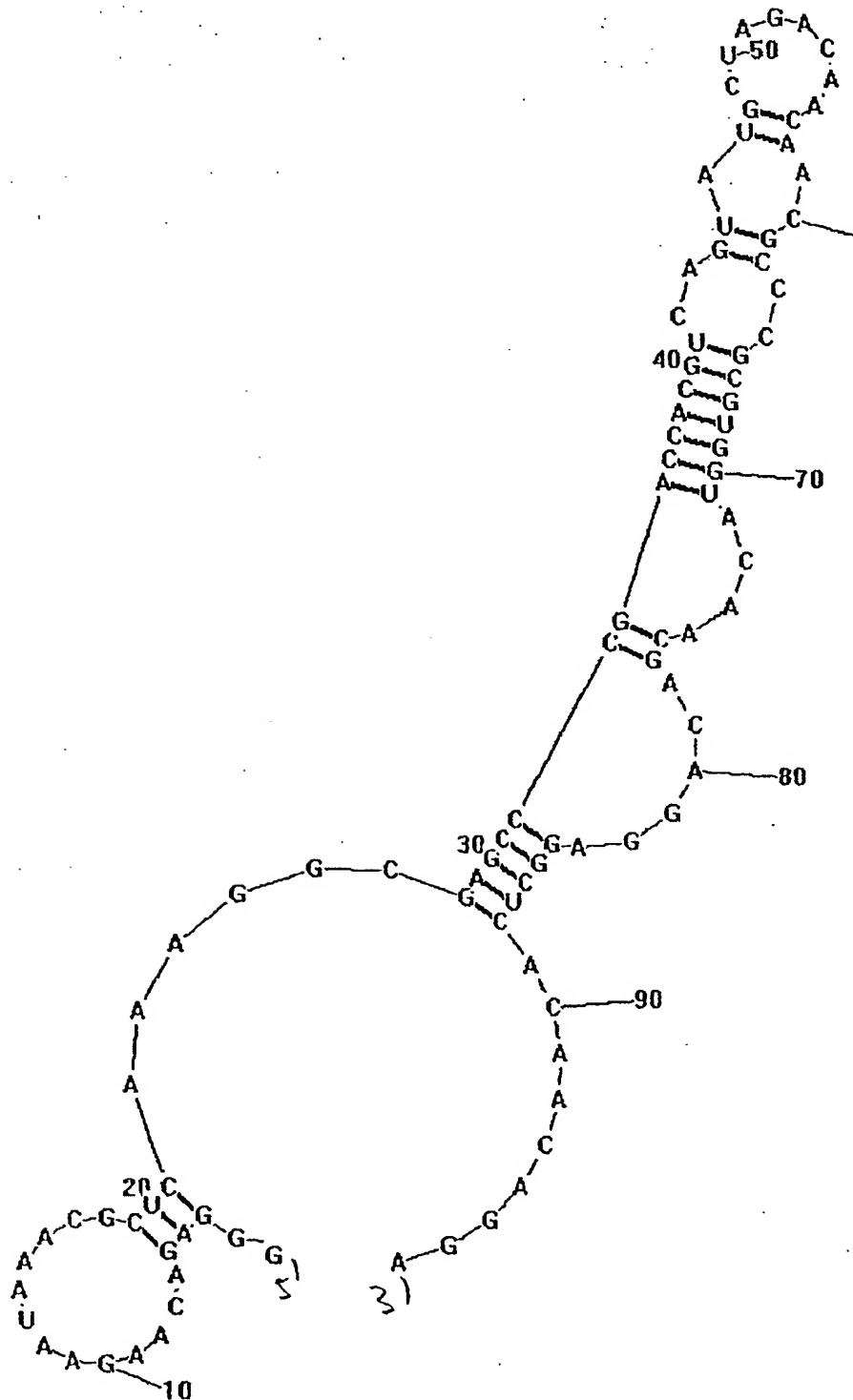


FIGURE 12

D24 - 96nt ENERGY -24

$$5' \rightarrow 3'$$
$$5' \rightarrow 3'$$
$$R_1 + Z_1 = R_4$$
$$R_2 + Z_2 = R_5$$

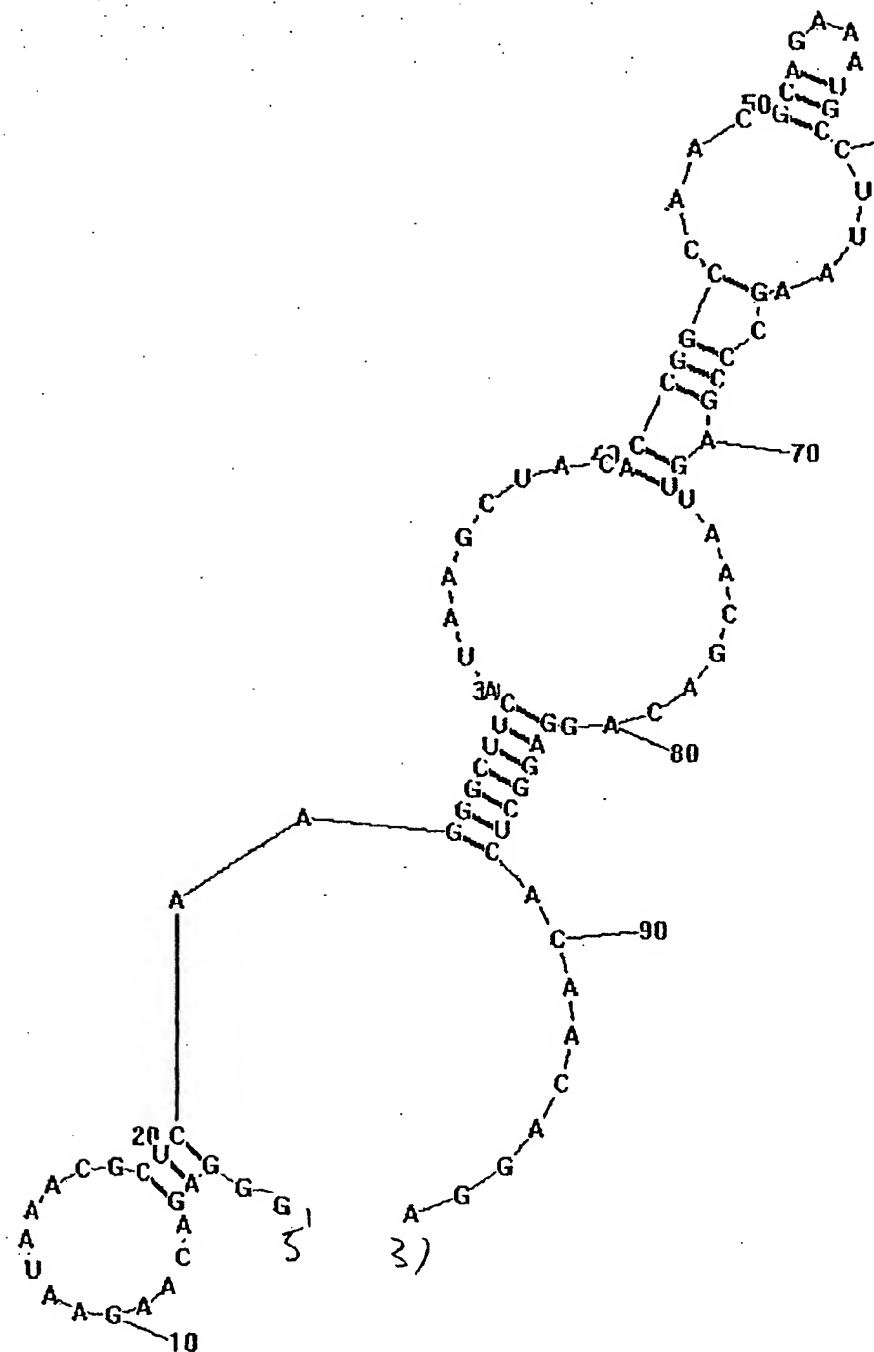
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D30 - 97nt ENERGY -17

FIGURE 13

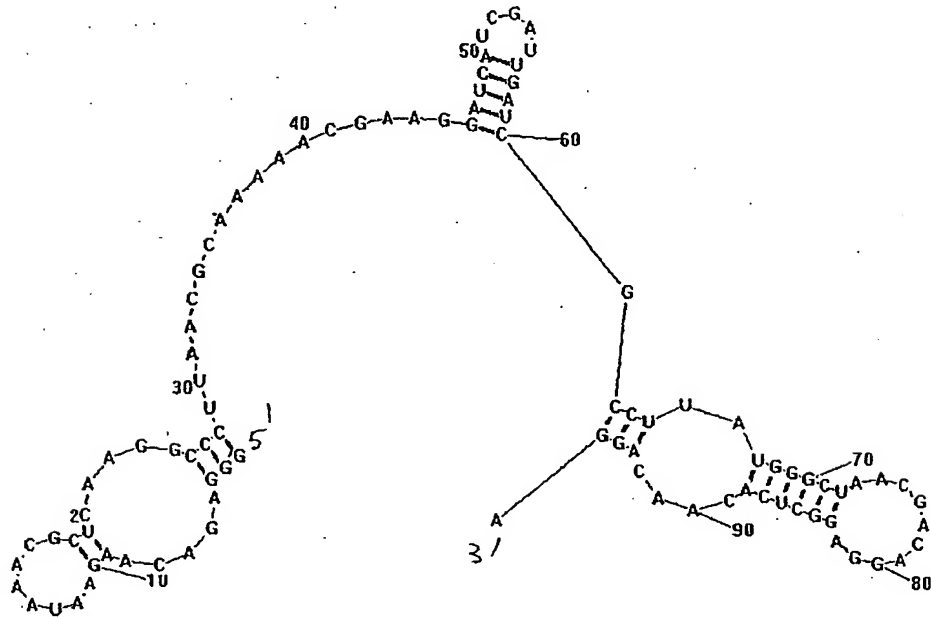
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D12 - 97nt ENERGY -19.1

FIGURE 14

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D71 - 96nt ENERGY -16.6

FIGURE 15

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Fig. 16: Screening of aptamers which interact with RET on PC12 MEN 2A cells by competitive binding with the D4 aptamer

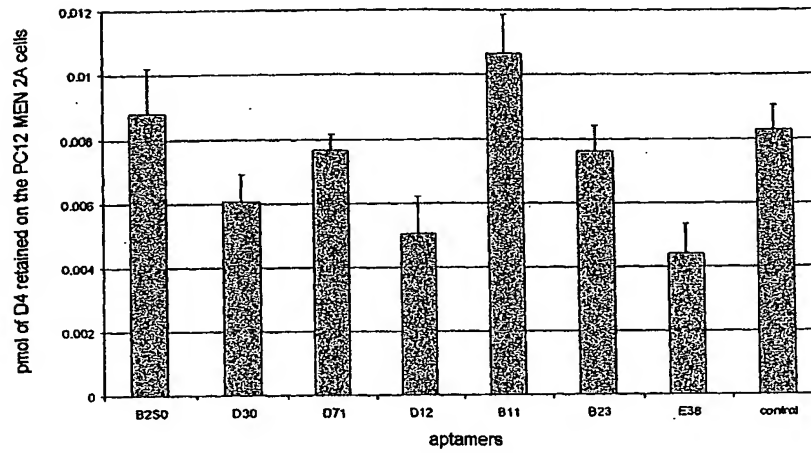


Fig. 17: Competitive binding of the E38 aptamer on PC12 MEN 2A cells in the presence of an increasing concentration of D4 aptamer

